

~~(Fig. 3)~~

The interrogation device is used for identifying a target device. A transmitter is designed for transmitting a coded electromagnetic radiation. The target device has sensor means for detecting this radiation and for converting it into electrical signals, which are supplied to an evaluation unit, as well as transmitting means which, in accordance with decisions made by the evaluation unit, return messages to receiving means located inside or outside of the transmitter. The transmitter comprises a circuit with an oscillator and an antenna, which are designed to generate individual pulses, or short bursts of pulses in the giga-frequency range, which are chronologically modulated. A coded information signal is obtained from these pulses.

~~(Fig. 3)~~